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A STUDY OF FORMER 4-H CLUB MEMBERS
IN THE UNITED STATES
ATTENDING AGRICULTURAL COLLEGES

1940 - 1941

A Statistical Study of Former 4-H Club Members Enrolled as Students in Agricultural and Home-Economics Courses at the State Colleges of Agriculture Throughout the United States (As Reported by State Club Leaders).

Compiled by
R. A. Turner, Senior Agriculturist
Division of Field Coordination

ASSL

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A Statistical Study of Former 4-H Club Members Enrolled as Students in Agricultural and Home-Economics Courses at the State Colleges of Agriculture Throughout the United States (as Reported by State Club Leaders).

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At the 1940 National 4-H Club Camp the writer was requested to obtain information from State club leaders relative to the enrollment, for the college year of 1940-41, of former 4-H Club members in the courses in agriculture and home economics at the State colleges of agriculture throughout the United States. This study is based on the information received from 37 States.

The data for the college year 1940-41 show that, of the reported 36,247 students enrolled in agriculture and home economics, 11,272, or 31.10 percent, were former 4-H Club members.

For the college year 1940-41, Illinois ranked first, with 50.34 percent of these students being former 4-H Club members; Nebraska second, with 49.54 percent; Indiana third, with 47.15 percent; Georgia fourth, with 44.79 percent; Alabama fifth, with 44.34 percent; Kansas sixth, with 43.25 percent; and Arkansas seventh, with 41.18 percent.

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DISTRIBUTION: A copy of this summary has been sent to each president, dean of agriculture, dean of home economics, and registrar of State agricultural colleges; director of extension, State club leader, county agent leader, and home demonstration leader; extension editor; agricultural-college library and experiment-station library.

It seems appropriate to obtain information of this type. The State colleges of agriculture and the United States Department of Agriculture are expending funds annually for the 4-H Club program as an integral part of cooperative extension work. One measuring stick of the effectiveness of the 4-H program is the extent to which there is fostered a desire on the part of 4-H Club members to obtain additional scholastic training. The data reported seem to indicate that such a desire is being fostered and that an increasing number of former 4-H Club members are enrolling in the State colleges of agriculture.

No attempt has been made to obtain information regarding entrance into courses other than agriculture and home economics or at any college other than the State college of agriculture. It is known, however, that many former 4-H Club members enter other courses at the agricultural college, and also that many more enroll as students at other educational institutions.

Notes

The States of Illinois, Iowa, Michigan, Missouri, Nebraska, Ohio, Virginia, Washington, and Wyoming reported former 4-H Club members now enrolled as graduate or special students. Doubtless this situation also obtains in many other States.

Alabama submitted data that do not include information regarding freshman students.

California submitted data that cover Berkeley campus only.

Kansas reported a total of 1,099 former 4-H members in Kansas State College.

Louisiana submitted data that do not include information regarding freshman students.

New Hampshire reported 21 former 4-H members out of 48 in 2-year applied-farming course.

Pennsylvania reported 13 former 4-H members out of 176 in 2-year agricultural course.

Texas submitted data that apply to boys only. No home-economics course at Texas A. & M. College.

Washington reported a total of 660 former 4-H members in State College of Washington.

Wisconsin reported about 90 percent of approximately 400 students in the agricultural short course were former 4-H members.

Students enrolled in agricultural courses

| | | Total | of all | stude | ents | F.o | rmer 4 | -H Clu | b membe | rs |
|---|--|---|---|---|--|--|---|---|--|--|
| State | Freshmen | Sophomores | Juniors | Seniors | Total | Freshmen | Sophomores | Juniors | Seniors | Total |
| Alabama. Arizona. Arkansas. California. Colorado. Florida. Georgia. Illinois. Indiana. Iowa. Kansas. Kentucky. Louisiana. Maine. Massachusetts. Michigan. Minnesota. Missouri. Montana. Nebraska. Nevada. New Hampshire. New Mexico. North Dakota. Ohio. Oklahoma. Pennsylvania. Puerto Rico. Rhode Island. South Carolina. South Dakota. Texas. Virginia. Washington. West Virginia. | 66 75 78 119 124 169 397 251 429 233 131 71 69 249 171 259 94 150 33 50 83 159 369 270 302 110 49 200 152 571 179 187 42 | 262 41 66 116 114 105 178 238 250 424 170 94 75 81 64 245 237 64 163 21 49 42 92 323 257 304 109 29 170 128 554 149 122 55 | 222 42 110 187 95 86 181 203 172 242 134 103 145 55 29 166 102 223 62 125 17 28 51 63 259 272 96 103 540 111 86 65 | 176 50 79 170 71 66 180 204 170 251 145 84 188 63 43 151 90 136 43 117 16 48 48 71 235 244 230 92 20 153 84 123 71 62 | 660 199 330 551 399 381 708 1,032 843 1,346 682 412 408 270 205 810 608 855 263 555 87 175 224 385 1,185 1,030 1,108 407 129 679 467 2,077 572 466 224 | 12 37 3 42 41 68 198 165 95 9 37 43 72 93 93 97 92 22 22 55 123 64 12 3 57 60 142 43 55 7 | 124 4 27 6 32 37 105 140 126 183 100 43 37 44 44 78 83 16 90 2 10 15 36 20 2 16 24 44 148 148 168 168 168 168 168 168 168 16 | 102 10 44 11 19 35 98 99 106 121 73 48 51 17 11 48 67 90 19 64 6 15 18 15 94 42 12 135 35 28 20 | 95 13 32 14 18 34 101 122 91 95 84 38 90 19 56 41 14 53 5 3 14 113 44 10 1 1 60 34 103 37 29 21 | 321 39 140 34 111 147 372 559 461 564 352 158 174 100 24 191 273 307 78 286 15 50 69 103 445 186 54 7 6 254 180 528 171 140 58 |
| Wisconsin Wyoming | 229 65 | 183 52 | 187 48 | 167 | 766 202 | 76 15 | 87 | 95 10 | 91 | 349 |
| Total | | | , | | 21,700 | | | | | 7,346 |

Students enrolled in home-economics courses

| | Т | otal of | fall s | tudent | s | | Former | 4-H C | lub mer | nbers |
|--|--|---|---|--|---|---|--|---|--|--|
| State | Freshmen | Sophomores | Juniors | Seniors | Total | Freshmen | Sophomores | Juniors | Seniors | Total |
| Alabama. Arizona. Arkansas. California. Colorado. Florida. Georgia. Illinois. Indiana. Iowa. Kansas. Kentucky. Louisiana. Maine. Massachusetts. Michigan. Minnesota. Missouri. Montana. Nebraska. Nevada. New Hampshire. New Mexico. North Dakota. Ohio. Oklahoma. Pennsylvania. Puerto Rico. Rhode Island. South Carolina. South Carolina. South Dakota. Virginia. Washington. West Virginia. Wisconsin. Wyoming. | 54 43 45 148 168 97 190 297 504 258 59 59 43 345 187 84 85 124 16 25 30 125 171 182 143 100 67 190 98 41 160 62 206 41 | 92 23 56 66 132 96 98 145 259 599 242 66 40 50 39 308 65 77 106 63 25 91 163 205 131 75 61 135 74 37 78 171 175 175 175 175 175 175 175 175 175 | 117 26 46 64 91 57 116 137 192 355 185 61 231 110 38 56 117 186 117 186 117 186 117 120 45 47 155 26 | 58 26 52 46 74 40 124 113 146 259 152 56 48 40 32 167 67 26 28 85 14 24 17 66 92 129 103 85 29 103 85 29 103 85 103 103 103 103 103 103 103 103 | 267 129 197 221 445 361 435 585 894 1,717 837 242 140 193 148 1,070 672 213 246 432 44 116 93 342 543 702 521 333 204 527 266 111 321 229 659 92 | 6 17 1 45 11 21 65 120 125 90 20 29 15 39 47 30 23 65 2 9 20 29 60 29 9 3 12 35 41 12 45 18 41 11 | 43 0 15 2 34 6 15 88 10 88 10 88 10 88 10 10 10 10 10 10 10 10 10 10 10 10 10 | 26 1 17 4 29 5 5 3 62 90 78 74 33 13 15 11 36 49 13 17 60 2 8 12 14 4 3 8 16 0 1 17 17 17 17 17 17 17 17 17 17 17 17 1 | 21 5 28 1 23 5 5 5 5 60 76 53 22 14 11 13 21 36 18 8 36 1 10 5 30 14 4 0 3 29 12 8 14 14 12 8 14 18 18 18 18 18 18 18 18 18 18 18 18 18 | 90 12 77 8 131 27 140 255 358 389 305 103 42 76 51 132 202 93 71 203 6 34 57 73 178 116 37 4 21 145 98 40 100 61 165 26 |
| Total | | | | | 14,547 | | | | | 3,926 |

Enrollment in agricultural courses by Sections

| CL-L- | | otal c | of all | student | s | Former 4-H Club members | | | | |
|----------------|-------|--------|--------|---------|-------|-------------------------|-------|------|-----|-------|
| State | Fr. | Soph. | Jr. | Sr. | Total | Fr. | Soph. | Jr. | Sr. | Total |
| Maine | 71 | 81 | 55 | 63 | 270 | 37 | 27 | 17 | 19 | 100 |
| Massachusetts | 69 | 64 | 29 | 43 | 205 | 4 | 4 | 11 | 5 | 24 |
| New Hampshire | 50 | 49 | 28 | 48 | 175 | 22 | 10 | 15 | 3 | 50 |
| Pennsylvania | 302 | 304 | 272 | 230 | 1,108 | 12 | 20 | 12 | 10 | 54 |
| Rhode Island | 49 | 29 | 31 | 20 | 129 | 2 | 1 | 2 | 1. | 6 |
| West Virginia | 42 | 55 | 65 | 62 | 224 | 7 | 10 | 20 | 21 | 58 |
| Totals | 583 | 582 | 480 | 466 | 2,111 | .84 | 72 | 77 | 59 | 292 |
| Illinois | 397 | 228 | 203 | 204 | 1,032 | 198 | 140 | 99 | 122 | 559 |
| Indiana | 251. | 250 | 172 | 170 | 843 | 138 | 126 | 106 | 91 | 451 |
| Iowa | 429 | 424 | 242 | 251 | 1,346 | 165 | 183 | 121 | 95 | 564 |
| Kansas | 233 | 170 | 134 | 145 | 682 | 95 | 100 | 73 | 84 | 352 |
| Kentucky | 131 | 94 | 103 | 84 | 412 | 29 | 43 | 48 | 38 | 158 |
| Michigan | 249 | 244 | 166 | 151 | 810 | 63 | 44 | 48 | 36 | 191 |
| Minnesota | 171 | 245 | 102 | 90 | 608 | 72 | 78 | 57 | 56 | 273 |
| Missouri | 259 | 237 | 223 | 136 | 855 | 93 | 83 | 90 . | 41 | 307 |
| Nebraska | 150 | 163 | 125 | 117 | 555 | 79 | 90 | 64 | 53 | 286 |
| North Dakota | 159 | 92 | 63 | 71 | 385 | 55 | 32 | 15 | 1 | 103 |
| Ohio | 369 | 323 | 258 | 235 | 1,185 | 123 | 115 | 94 | 113 | 445 |
| South Dakota | 152 | 128 | 103 | 84 | 467 | 60 | 44 | 42 | 34 | 180 |
| Wisconsin | 229 | 183 | 187 | 167 | 766 | 76 | 87 | 95 | 91 | 349 |
| Totals | 3,179 | 2,781. | 2,081 | 1,905 | 9,946 | 1,246 | 1,165 | 962 | 855 | 4,228 |
| Alabama | | 262 | 222 | 176 | 660 | | 124 | 102 | 95 | 321 |
| Arkansas | 75 | 66 | .110 | 79 | 330 | 37 | 27 | 44 | 32 | 140 |
| Florida | 124 | 105 | 86 | 66 | 381 | 41 | 37 | 35 | 34 | 147 |
| Georgia | 169 | 178 | 181 | 180 | 708 | 68 | 105 | 98 | 101 | 372 |
| Louisiana | | 75 | 145 | 188 | 408 | | 33 | 51 | 90 | 174 |
| Oklahoma | 270 | 257 | 259 | 244 | 1,030 | 64 | 36 | 42 | 44 | 186 |
| South Carolina | 200 | 170 | 156 | 153 | 679 | 71 | 62 | 61 | 60 | 254 |
| Texas | 571 | 554 | 540 | 412 | 2,077 | 142 | 148 | 135 | 103 | 528 |
| Virginia | 179 | 149 | 111 | 133 | 572 | 43 | 56 | 35 | 37 | 171 |
| Totals | 1,588 | 1,816 | 1,810 | 1,631 | 6,845 | 466 | 628 | 603 | 596 | 2,293 |
| Arizona | 66 | 41 | 42 | 50 | 199 | 12 | 4 | 10 | 13 | 39 |
| California | 78 | 116 | 187 | 170 | 551 | 3 | 6 | 11 | 14 | 34 |
| Colorado | 119 | 114 | 95 | 71 | 399 | 42 | 32 | 19 | 18 | 111 |
| Montana | 94 | 64 | 62 | 43 | 263 | 29 | 16 | 19 | 14 | 78 |
| Nevada | 33 | 21 | 17 | 16 | 87 | 2 | 2 | 6 | 5 | 15 |
| New Mexico | 83 | 42 | 51 | 48 | 224 | 22 | 15 | 18 | 14 | 69 |
| Washington | 187 | 122 | 86 | 71 | 466 | 55 | 28 | 28 | 29 | 140 |
| Wyoming | 65. | 52 | 48 | 37 | 202 | 15 | 7 | 10 | 8 | 40 |
| Totals | 725 | 572 | 588 | 506 | 2,391 | 180 | 110 | 121 | 115 | 526 |
| Fuerto Rico | 110 | 109 | 96 | 92 | 407 | 3 | 2 | 1 | 1 | 7 |

Enrollment in home-economics courses by Sections

| Total of all students Former 4-H Club mombers | | | | | | | | | | |
|---|-------|-------|-------|-------|--|-----|-------|-----|------|--|
| State | | Total | of al | | And in case of the last of the | | | | | · Annual Control of the Park o |
| State | Fr. | Soph | . Jr. | Sr. | Total | Fr. | Soph. | Jr. | Sr. | Total |
| | | | | | | | | | 1 | nc. |
| Maine | 59 | 50 | 44 | 40 | 193 | 29 | 21 | 15 | 11. | 76 |
| Massachusetts | 43 | 39 | 34 | , 32 | 148 | 15 | 12 | 11 | 13 | 51 |
| New Hampshire | 25 | 32 | 35 | 24 | 116 | 9 | 6 | 8 | 11 | 34 |
| Fennsylvania | 143 | 131 | 144 | 103 | 521 | 9 | 8 | 16 | 4 | 37 |
| Rhode Island | 67 | 61 | 47 | 29 | 204 | 12 | 5 | 1 | 3. | 21 |
| West Virginia | 62 | 78 | 47 | 42 | 229 | 18 | 18 | 11 | 14 | 61 |
| Totals | 399 | 391 | 351 | 270 | 1,411 | 92 | 70 | 62 | 56 | 280 |
| Illinois | 190 | 145 | 137 | 113 | 585 | 65 | 69 | 62 | 59 | 255 |
| Indiana | 297 | 259 | 192 | 146 | 894 | 120 | 88 | 90 | 60 | 358 |
| Iowa | . 504 | 599 | 355 | 259 | 1,717 | 125 | 110 | 78 | 76 | 389 |
| Kansas | 258 | 242 | 185 | 152 | 837 | 90 | 88 | 74 | 53 | 305 |
| Kentucky, | 59 | 66 | 61 | 56 | 242 | 20 | 28 | 33 | 22 | 103 |
| Michigan | 345 | 327 | 231 | 157 | 1,070 | 39 | 36 | 36 | 21 . | 132 |
| Minnesota | 187 | 308 | 110 | 67 | 672 | 47 | 70 | 49 | 36 | 505 |
| Missouri | 84 | : 65 | 38 | 26 | 213 | 30 | 32 | 13 | 18 | 93 |
| Nebraska | 124 | 106 | 117 | 85 | 432 | 65 | :42 | 60 | 36 | 203 |
| North Dakota | 125 | 91 | 60 | .66 | 342 | 29 | -28 | 11 | 5 | 73 |
| Ohio | 171 | 163 | 117 | 92 | 543 | 60 | 44 | 44 | 30 | 178 |
| South Dakota | 98 | 74 | 46 | 48 | 266 | 41 | 23 | 22 | 12. | 98 |
| Wisconsin | 206 | 171 | 155 | 127 | 659 | 41 | 46 | 50 | .28 | 165 |
| Totals | 2,648 | 2,616 | 1,804 | 1,404 | 8,472 | 772 | 704 | 622 | 456 | 2,554 |
| Alabama | | 92 | 117 | 58 | 267 | | 43 | 26 | 21. | 90 |
| Arkansas | 43 | 56 | 46 | 52 | 197 | 17 | 15 | 17 | 28 | 77 |
| Florida | 168 | 96 | 57 | 40 | 361 | 11 | 6 | 5 | 5 | 27 |
| Georgia | 97 | 98 | : 116 | 124 | 435 | 21 | 15 | 53 | 51 | 140 |
| Louisiana | | 40 | 52 | 48 | 140 | +- | 15 | 13 | 14 | 42 |
| Oklahoma | 182 | 205 | 186 | 129 | 702 | 29 | 35 | 38 | 14 | 116 |
| South Carolina | 190 | 135 | 120 | 82 | 527 | 35 | 48 | 33 | 29 | 145 |
| Virginia | 41 | 33 | 21 | 16: | 111 | 12 | 8 | 12 | 8 | 40 |
| Totals | 721 | 755 | 715 | 549 | 2,740 | 125 | 185 | 197 | 170 | 677 |
| Arizona | 54 | 23 | 26 | 26 | 129 | . 6 | 0 | 1 | 5 | 12 |
| California | 45 | 66 | 64 | 46 | 221 | 1 | 2 | 4 | 1. | 8 |
| Colorado | | 132 | 91 | 74 | 445 | 45 | 34 | 29 | 23 | 131 |
| Montana | 85 | 77 | 56 | 28 | 246 | 23 | 23 | 17 | 8 | 71 |
| Nevada | 1 | 6 | 8 | 14 | 44 | 5 | 1 | 2 | 1. | 6 |
| New Mexico | | 25 | 21 | 17 | 93 | 20 | 15 | 12 | 10. | 57 |
| Washington | | 77 | 45 | 39 | 321 | 45 | 25 | 17 | 13 | 100 |
| Wyoming | | 15 | 26 | 10 | 92: | 11 | 5 | 7 | 3. | 26 |
| Totals | | 421 | 337 | 254 | 1,591 | 153 | 105 | 89. | 64 | 411 |
| Fuerto Rico | | 75 | 73 | 85 | 333 | 3 | 1 | 0 | 0. | 4 |
| | 4 | d | | | - | - | - | - | | |

Summary by States

| | Demonstrad todal mumbers | Reported total | Percentage |
|---|---|------------------|-------------|
| State | Reported total number | - | of 4-H Clab |
| State . | of students in agricul- | number of former | members |
| | ture and home economics | 4-H Club members | members |
| Alabama | 927 | 411 | 44.34 |
| Arizona | | 51 | 15.55 |
| | | | 41.18 |
| Arkansas | | 217 | 1 |
| California | | 42 | 5.44 |
| Colorado | | 242 | 28.67 |
| Florida | | 174 | 23.45 |
| Georgia | 1,143 | 512 | 44.79 |
| Illinois | | 814 | FO. 34 |
| Indiana | | 819 | 47.15 |
| Iowa | | 953 | 31.11 |
| Kansas | | 657 | 43.25 |
| Kentucky | | 261 | 39.91 |
| Louisiana | | 216 | 39.42 |
| Maine | l contract to the contract to | 176 | 38.01 |
| Massachusetts | | 75 | 21.25 |
| Michigan | 1,880 | 325 | 17.18 |
| Minnesota | 1,280 | 475 | 37.11 |
| Missouri | | 400 | 37.45 |
| Montana | 509 | 149 | 29.27 |
| Nebraska | 987 | 489 | 49.54 |
| Nevada | 131 | 21 | 16.03 |
| New Hampshire | 291 | 84 | 28.86 |
| New Mexico | 317 | 126 | 39.75 |
| North Dakota | 727 | 176 | 24.21 |
| Ohio | | 623 | 36.05 |
| Oklahoma | | 302 | 17.44 |
| Pennsylvania | | 91 | 5.59 |
| Fuerto Rico | 740 | 11 | 1.49 |
| Rhode Island | | 27 | 8.11 |
| South Carolina | 1,206 | 399 | 33.08 |
| South Dakota | 733 | 278 | 37.93 |
| Texas | 2,077 | 528 | 25.42 |
| Virginia | 683 | 211 | 30.89 |
| Washington | 787 | 240 | 30.50 |
| West Virginia | 453 | 119 | 26.27 |
| Wisconsin | 1,425 | 514 | 36.07 |
| Wyoming | 294 | 66 | 22 45 |
| , 0 | 20'1 | 00 | 10 |
| Totals | 36,247 | 11,272 | 31.10 |
| * | 1 00,01 | 1 11,010 | 01.10 |

Summary by Sections

| | Reported total numb | | Percentage |
|----------------|--|-------------|-------------|
| State | of students in agric | | of 4-H Club |
| | ture and home econom | | members |
| | Eastern | Section | |
| Maine | 463 | 176 | 38.01 |
| Massachusetts | 353 | 75 | 21.25 |
| New Hampshire | 291 | 84 | 28.86 |
| Pennsylvania | 1,629 | 91 | 5.59 |
| Rhode Island | 333 | 27 | 8.11 |
| West Virginia | | 119 | 26.27 |
| Totals | Description of the Control of the Co | 572 | 16.24 |
| | | Section | v |
| Illinois | 1,617 | 814 | 50.34 |
| Indiana | 1,737 | 819 | 47.15 |
| Iowa | 3,063 | 953 | 31.11 |
| Kansas | 1,519 | 657 | 43.25 |
| Kentucky | 654 | 261 | 39.91 |
| | 1,880 | 323 | 17.18 |
| Michigan | | 475 | 37.11 |
| Minnesota | 1,280 | 400 | 37.45 |
| Missouri | 1,068 | 489 | 49.54 |
| Nebraska | 987 | | 24.21 |
| North Dakota | 727 | 176 | 36.05 |
| Ohio | 1,728 | 623 | |
| South Dakota | 733 | 278 | 37.93 |
| Wisconsin | | 514 | 36.07 |
| Totals | 18,418 | 6,782 | 36.82 |
| | The special section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the section in the second section is the second section in the second section in the section is the second section in the section is the section in the section in the section i | ern Section | Banks II. |
| Alabama | 927 | 411 | 44.34 |
| Arkansas | 527 | 217 | 41.18 |
| Florida | 742 | 174 | 23.45 |
| Georgia | 1,143 | 512 | 44.79 |
| Louisiana | 548 | 216 | 39.42 |
| Oklahoma | 1,732 | 302 | 17.44 |
| South Carolina | 1,206 | 399 | 33.08 |
| Texas | 2,077 | 528 | 25.42 |
| Virginia | 683 | 211 | 30.89 |
| Totals | 9,585 | 2,970 | 30.99 |
| TOOKED | | Section | |
| Arizona | 328 | 51 | 15.55 |
| California | 772 | 42 | 5.44 |
| Colorado | 844 | 242 | 28.67 |
| | 509 | 149 | 29.27 |
| Montana | 131 | 21 | 16.03 |
| Nevada | | 126 | 39.75 |
| New Mexico | 317 | 240 | 30.50 |
| Washington | 787 | | 22.45 |
| Wyoming | | 66 075 | |
| Totals | 3,982 | 937 | 23.53 |
| Puerto Rico | 740 | 11 | 1.49 |
| Totals | 36,247 | 11,272 | 31.10 |



